

App. No. 09/876,361
Amendment Dated: April 24, 2007
Reply to Final Office Action of January 24, 2007

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Amendments to the Claims:

1. (Currently amended) A method for submitting a document for translation services, comprising the steps of:

- receiving edits on a ~~client device~~ word processor for a pre-translated document, wherein the edits include at least one member of a group comprising the addition of text, formatting, and a non-text entry to the pre-translated document;
- receiving a request on the ~~client device~~ word processor to translate the pre-translated document from a first language to a second language;
- selecting a translation service from a list of services for translating the pre-translated document from the first language to the second language;
- requesting an identification for the selected translation service;
- saving the pre-translated document, including the non-text entry from the pre-translated document, to a temporary storage medium;
- creating a saved document from the pre-translated document in a format for submitting to the selected translation service, the saved document including the formatting and including a path to the non-text entry saved in the temporary storage medium, instead of the saved document including the non-text entry; and
- launching an instance of a web browser from the word processor; and
- submitting the saved document, through the web browser, to the selected translation service via the identification for the selected translation service.

2. (Original) The method of Claim 1, further comprising the steps of:

- at the selected translation service, creating a translated document by translating the saved document from the first language to the second language;
- receiving the translated document from the selected translation service; and
- displaying the translated document.

3. (Previously Presented) The method of Claim 2, wherein the step of displaying the translated document further comprises the steps of:

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using the paths to the non-text entry saved in the temporary storage medium to call the non-text entry; and

displaying the translated document with the non-text entry and the formatting of the pre-translated document.

4. (Original) The method of Claim 1, wherein the step of submitting the saved document to the selected translation service, further comprises:

sending the saved document to the selected translation service at a remote translation server via a distributed computing environment.

5. (Original) The method of Claim 1, prior to the step of selecting a translation service from the list of translation services, further comprising the step of:

receiving a list of translation services; and

maintaining the list of translation services in a system registry.

6. (Original) The method of Claim 1, wherein the step of requesting an identification for the selected translation service includes the steps of:

requesting a uniform resource locator (URL) for the selected translation service, including sending an HTTP GET request for the URL.

7. (Previously Presented) The method of Claim 1, wherein the step of creating a saved document, further comprises the step of:

saving the pre-translated document in HTML format, including HTML tags defining the formatting of the pre-translated document and HTML tags pointing to the non-text entry saved in the temporary storage medium.

8. (Original) The method of Claim 1, wherein the step of submitting the saved document to the selected translation service, further comprises the step of:

sending to the selected translation service an HTTP POST request containing parameters associated with the translation service and containing the saved document.

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9. (Original) The method of Claim 8, wherein the step of sending to the selected translation service an HTTP POST request, further comprises the step of:

sending the HTTP POST request via an Internet browser across a distributed computing environment whereby the selected translation service is resident in a remote translation server.

10. (Currently amended) A method for submitting a richly-formatted document for translation processing, comprising the steps of:

receiving edits on a word processor application from a user for a pre-translated non-HTML document, wherein the edits include at least one member of a group comprising the addition of text, formatting, and a non-text entry to the pre-translated document;

receiving a request on the word processor application to translate the pre-translated document from a first language to a second language;

receiving a list of translation services for translating a document from a first language to a second language;

receiving a selection of a translation service from the list of translation services;

requesting an identification for the selected translation service;

saving the pre-translated document, including the text entry, the non-text entry, and the formatting to a temporary storage medium;

saving the pre-translated document as an HTML document, including saving a path from the HTML document to the non-text entry saved in the temporary storage medium, instead of saving the non-text entry in the HTML document;

launching an instance of a web browser from the word processor application;

sending the HTML document, through the web browser, to the selected translation service via the identification for the selected translation service;

receiving a translated HTML document, through the web browser, from the selected translation service; and

displaying the translated HTML document.

11. (Previously Presented) The method of Claim 10, wherein the step of displaying the translated HTML document further comprises the steps of:

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using the path to the non-text entry saved in the translated HTML document to call the non-text entry ; and

displaying the translated HTML document with the non-text entry and the formatting of the pre-translated document.

12. (Currently amended) A method of communicating between a client process and a server process in a distributed processing system for providing remote processing, comprising the steps of:

issuing from a word processor, by the client process, an HTTP GET request call having a plurality of call parameters, comprising a translation service identifier, a "from" language identifier and a "to" language identifier;

receiving at the word processor, by a first server process, the HTTP GET request call and parsing the call to retrieve the parameters;

issuing from the word processor, by the first server process, an HTTP GET request acknowledgement having a uniform resource locator (URL) of a second server process;

saving a pre-translated non-HTML document including non-text entries and formatting as an HTML formatted document, the HTML formatted document including tags for the formatting of the pre-translated document and tags linking the HTML formatted document to the non-text entries in the pre-translated document, instead of the HTML formatted document including the non-text entries;

launching from the word processor an instance of a web browser;

issuing from the web browser, by the client process, an HTTP POST request call having a plurality of call parameters comprising a remote processing service provider identifier, a user interface language identifier, a processing service identifier, and further comprising a data body including the HTML formatted document requiring remote processing, the HTML formatted document requiring processing according to the processing service identifier;

receiving, by the second server process, the HTTP POST request call and parsing the call to retrieve the parameters; and

issuing, by the second server process, an HTTP POST request acknowledgement having a plurality of acknowledgement parameters comprising a user interface language identifier, a

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processing service identifier, and the HTML formatted document processed according to the processing service identifier and represented in HTML format.

13. (Original) The method of Claim 12, wherein:
the remote processing service provider identifier includes a translation service identifier;
the processing service identifier includes a "from" language identifier and a "to" language identifier; and
the processed HTML document includes the HTML formatted document translated from the "from" language to the "to" language.

14. (Currently amended) A system for submitting an originally-formatted document to a remote translation service, comprising:

a word processing module operative,

to request from a redirection server a URL of a translation server;

to receive from the redirection server the URL;

to save as HTML an original non-HTML document requiring translation from a first language to a second language, such that non-text entries and formatting of the original document are saved to a temporary storage medium, and such that the saved document includes paths to the non-text entries and formatting of the original document saved to the temporary storage medium, instead of the saved document including the non-text entries of the original document;

to launch an instance of an Internet browser module;

an Internet browser module operative,

to receive the saved document from the word processing module;

to send the saved document to a remote translation server via a distributed computing environment;

to receive a translation of the saved document from the remote translation server;

to display the translation of the saved document, including a display of the non-text entries and formatting from the original document in the translation of the saved document;
and

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the remote translation server operative,
to receive from the Internet browser module the saved document;
to translate the saved document; and
to return the translation of the saved document to the Internet browser module.

15. (Previously Presented) The system of Claim 14, wherein:
the redirection server is operative,

to receive service and language parameters from the word processing module; and
to return the identification of the remote translation server to the word processing module.

16. (Original) The system of Claim 14, whereby the word processing module is further operative

to retrieve a list of translation services from an operating system registry; and
to display the list of translation services.

17. (Currently amended) A computer-readable medium having stored thereon computer-executable instructions for submitting a document for translation services, said instructions for performing steps comprising:

receiving on a word processor on a client device edits to a pre-translated document, wherein the edits include at least one member of a group comprising the addition of text, formatting, and non-text entries to the pre-translated document;

receiving a request on the word processor on the client device to translate the pre-translated document from a first language to a second language;

receiving a selection of a translation service from a list of services for translating the pre-translated document from the first language to the second language;

requesting an identification for the selected translation service;

saving the pre-translated document, including any non-text entries from the pre-translated document, to a temporary storage medium;

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creating a saved document from the pre-translated document in a format for submitting to the selected translation service, the saved document including formatting of the pre-translated document and including paths to the non-text entries of the pre-translated document saved in the temporary storage medium, instead of the saved document including the non-text entries; and launching from the word processor an instance of a web browser; and submitting the saved document, through the web browser, to the selected translation service via the identification for the selected translation service.

18. (Original) The computer-readable medium of claim 17 having further computer-executable instructions for performing the steps of:
receiving a translated document from the selected translation service; and
displaying the translated document.

19. (Previously Presented) The computer-readable medium of claim 18 having further computer-executable instructions wherein the step of displaying the translated document further comprises the steps of:
using the paths to the non-text entries saved in the temporary storage medium to call the non-text entries; and
displaying the translated document with the non-text entries and the formatting of the pre-translated document.

20. (Original) The computer-readable medium of claim 17 having further computer-executable instructions wherein the step of submitting the saved document to the selected translation service further comprises the step of:
sending the saved document to the selected translation service at a remote translation server via a distributed computing environment.

21. (Original) The computer-readable medium of claim 17 having further computer-executable instructions wherein the step of requesting an identification for the selected translation service further comprises the step of:

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requesting a uniform resource locator (URL) for the selected translation service,
including sending an HTTP GET request for the URL.

22. (Original) The computer-readable medium of claim 17 having further
computer-executable instructions wherein the step of submitting the saved document to the
selected translation service further comprises the step of:

sending to the selected translation service an HTTP POST request containing parameters
associated with the translation service and containing the saved document.

23. (Original) The computer-readable medium of claim 17 having further
computer-executable instructions wherein the step of sending to the selected translation service
an HTTP POST request further comprises the step of:

sending the HTTP POST request via an Internet browser across a distributed computing
environment whereby the selected translation service is resident in a remote translation server.